

101 Rec'd PCT/PTO 07 SEP 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Stephen K. Wrigley et al.

09/284 806

Serial No.: 09/284,806

Group Art Unit: To Be Assigned

Filed: April 21, 1999

Examiner: To Be Assigned

For: Cytokine Production Inhibitors

New Atty Docket No.: 9993-018-999  
(formerly 117-284)

**REVOCATION AND POWER OF ATTORNEY AND  
CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**

Assistant Commissioner for Patents and Trademarks  
Washington, DC 20231

SIR:

TerraGen Discovery Inc., organized and existing under the laws of British Columbia and having a place of business at Suite 300, 2386 East Mall, University of British Columbia, Vancouver, BC, Canada V6T 1Z3, the assignee of the entire right, title and interest for the above-identified application hereby certifies that it is the assignee of the entire right, title and interest in, to and under the invention described and claimed in the above-identified patent application identified above by virtue of:

Copies of assignment documents from the inventors of the patent application identified above to Xenova Limited, and an assignment from Xenova Limited to TerraGen Discovery Inc. executed July 17, 2000 are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

The undersigned hereby declares that all statements made herein of his own knowledge are true, and that these statements are made with the knowledge that willful false

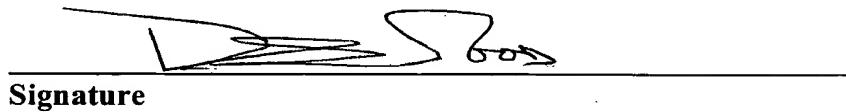
statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Pursuant to 37 C.F.R. §3.73(b), Terragen Discovery, Inc., the assignee of the entire right, title and interest in, to and under the invention described and claimed in the above-identified patent application hereby seeks to take action in the above-identified patent application.

Terragen Discovery, Inc. hereby revokes all previous powers of attorney and appoints S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), William S. Galliani (Reg. No. 33885), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), and Alan Tenenbaum (Reg. No. 34939), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them its attorneys, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all future correspondence to Pennie & Edmonds LLP, located at 1155 Avenue of the Americas, New York, N.Y. 10036-2711, and direct all telephone calls to Pennie & Edmonds LLP at (212) 790-9090.

Date: Aug 4, 2000

  
Signature

David Wood  
Name of Signatory on behalf of TerraGen Discovery, Inc.

Finance Director, Treasurer  
Title of Signatory

## ASSIGNMENT OF PATENT APPLICATION

(Inventors) Stephen Keith WRIGLEY, Sangeeta BAHL, Roya Mansour Sadeghi GUILANI, Michael MOORE,  
Werner Albert KATZER, Steven Michael MARTIN, David Andrew KAU, Andrew Jonathan WHITING,  
Neil ROBINSON, Martin Alistair HAYES and Thomas Haydn MANDER, of: 240 Bath Road, Slough,  
Berkshire SL1 4EF, United Kingdom  
Werner Albert KATZER (German citizen) - ALL OTHER INVENTORS (British citizens)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (5) XENOVA LIMITED, British body corporate  
(Address) (6) of 240 Bath Road, Slough, Berkshire SL1 4EF, United Kingdom  
(Other Countries) (7) \_\_\_\_\_ in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as  
(Title) (8) CYTOKINE PRODUCTION INHIBITORS (Case No. \_\_\_\_\_)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(9) on \_\_\_\_\_ or has already filed in

(10) U.S. appln Serial Number \_\_\_\_\_ filed on \_\_\_\_\_

(11) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made

1) The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of valid United States patent to the Assignee.

3) The undersigned hereby authorize(s) and request(s) the Communication of Patents to issue any and all Letters patent of the United States resulting from said application or any division or divisions or continuing thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

4) The undersigned hereby grant(s) the firm of **NIXON & VANDERHYE P.C.** the power to insert on this assignment any further identification which may be necessary to desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

S. W	Date <u>18/3/99</u>	Signature of Inventor <u>Stephen Wrigley</u>	Date <u>18/3/99</u>	Signature of Inventor <u>J. Kau</u>	D. K
S. B	Date <u>X</u>	Signature of Inventor _____	Date <u>18/3/99</u>	Signature of Inventor <u>W. Martin</u>	A. W
R. S	Date <u>18/3/99</u>	Signature of Inventor <u>Roya Sadeghi</u>	Date <u>18/3/99</u>	Signature of Inventor <u>Neil Robinson</u>	N. R
T. M	Date <u>19/3/99</u>	Signature of Inventor <u>T. Hayes</u>	Date <u>✓</u>	Signature of Inventor <u>✓</u>	T. M
W. K	Date <u>18/3/99</u>	Signature of Inventor <u>W. Kau</u>	Date <u>✓</u>	Signature of Inventor <u>✓</u>	T. M
S. M	Date <u>25/3/99</u>	Signature of Inventor <u>S. M. Martin</u>	Date <u>✓</u>	Signature of Inventor <u>✓</u>	

Witnessed by

Witness \_\_\_\_\_ Date \_\_\_\_\_

Witness \_\_\_\_\_ Date \_\_\_\_\_

## ASSIGNMENT OF PATENT APPLICATION

(Inventors)

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Werner Albert KATZER, Steven Michael MARTIN, David Andrew KAU, Andrew Jonathan WHITING,  
Neil ROBINSON, Martin Alistair HAYES and Thomas Haydn MANDER, of: 240 Bath Road, Slough,  
Berkshire SL1 4EF, United Kingdom  
Werner Albert KATZER (German citizen) - ALL OTHER INVENTORS (British citizens)

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(Assignee)

(5) XENOVA LIMITED, British body corporate

(Address)

(6) of 240 Bath Road, Slough, Berkshire SL1 4EF, United Kingdom

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries)

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S. W

Date 26/3/99 Signature of Inventor \_\_\_\_\_

Date 26/3/99 Signature of Inventor \_\_\_\_\_

D. K

S. B

Date 26/3/99 Signature of Inventor \_\_\_\_\_

Bahl

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

A. W

R. S

Date 18/3/99 Signature of Inventor \_\_\_\_\_

Roya Sadeghi

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

N. R

T. M

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

T. M

W. K

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

T. M

S. M

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_

Witnessed by

Witness \_\_\_\_\_

Date \_\_\_\_\_

Witness \_\_\_\_\_

Date \_\_\_\_\_

## ASSIGNMENT OF PATENT APPLICATION

Stephen Keith WRIGLEY, Sangeeta BAHL, Roya Mansour Sadeghi GUJLANI, Michael MOORE

Werner Albert KATZER, Steven Michael MARTIN, David Andrew KALL, Andrew J. LAMBERT

Neil ROBINSON, Martin Alistair HAYES and The University of Warwick

Backtracking SL 1.4EE - V.1.0 - 2008

Werner Albert KATZER (German citizen) - ALL OTHER INVENTORS & ADDRESSEES

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (5) XENOVA LIMITED, British body

(Address) (6) of 240 Bath Road, Slough, Berkshire, SL1 4EE, United Kingdom

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries) (7) \_\_\_\_\_ in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(Title) (8) CYTOKINE PRODUCTION INHIBITORS (Case No. \_\_\_\_\_)

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

S W Date  Signature of Inventor   
S. B Date  Signature of Inventor  D.K  
R. S Date 13/3/99 Signature of Inventor Rosa Sardellini A.W  
T. M. Date  Signature of Inventor  N.R  
W K Date  Signature of Inventor  T. M.  
S M. Date  Signature of Inventor  T. M.

Witnessed by

Witness \_\_\_\_\_ Date \_\_\_\_\_

Witness \_\_\_\_\_ Date \_\_\_\_\_

## ASSIGNMENT OF PATENT APPLICATION

(Inventors) Stephen Keith WRIGLEY, Sangeeta BAHL, Roya Mansour Sadeghi GUILANI, Michael MOORE,  
Werner Albert KATZER, Steven Michael MARTIN, David Andrew KAU, Andrew Jonathan WHITING,  
Neil ROBINSON, Martin Alistair HAYES and Thomas Haydn MANDER, of: 240 Bath Road, Slough,  
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Werner Albert KATZER (German citizen) - ALL OTHER INVENTORS (British citizens)

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

S W	Date <u>18/3/99</u>	Signature of Inventor <u>Stephen Wrigley</u>	Date <u>18/3/99</u>	Signature of Inventor <u>C. Kau</u>	D.K
S. B	Date _____	Signature of Inventor _____	Date <u>18/3/99</u>	Signature of Inventor <u>W. Bahl</u>	A.W
R S	Date <u>18/3/99</u>	Signature of Inventor <u>Roya Sadeghi</u>	Date <u>18/3/99</u>	Signature of Inventor <u>Neil Robinson</u>	N.R
T M	Date <u>19/03/99</u>	Signature of Inventor <u>M. Moore</u>	Date _____	Signature of Inventor _____	T.M
W K	Date <u>18/3/99</u>	Signature of Inventor <u>Werner K. Kau</u>	Date <u>6.5.99</u>	Signature of Inventor <u>R. Yif</u>	T.Yif
S J	Date <u>18/3/99</u>	Signature of Inventor <u>S. M. Martin</u>	Date _____	Signature of Inventor _____	T.Yif

Witnessed by

Witness \_\_\_\_\_ Date \_\_\_\_\_

Witness \_\_\_\_\_ Date \_\_\_\_\_

THIS DEED OF ASSIGNMENT is made 17 day of July 2000

BY AND BETWEEN

1. **XENOVA LIMITED**, a company incorporated in England under number 1970244, whose registered office is at 240 Bath Road, Slough, Berkshire SL1 4EF (the "Assignor"); and
2. **TERRAGEN DISCOVERY INC.**, (formerly called TerraGen Diversity, Inc), a company duly incorporated under the laws of the Province of British Columbia, Canada, having a principal place of business at C300-2386 East Mall, Gerald McGavin Building, University of British Columbia, Vancouver, British Columbia, Canada, V6T 123 (the "Assignee").

WHEREAS the Assignor is the registered proprietor and owner of the entire right, title, and interest in the inventions described and claimed in the patents, and is the owner, as well as applicant of the entire right, title, and interest in the inventions described and claimed in the applications for patent, set out in the Schedule to this Assignment (the "Patents"); and as the registered proprietor, owner, and applicant, the Assignor has the full legal authority to convey the entire right, title, and interest herein assigned; and the Assignor has not executed, and will not execute, any agreement in conflict herewith.

THIS DEED WITNESSES as follows:

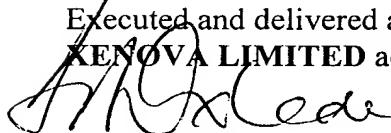
#### **Assignment**

1. In consideration of the sum of £1.00 (one pound sterling) to be paid by the Assignee to the Assignor, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby assigns to the Assignee the Patents together with all the Assignor's rights, title and interests in respect of them.
2. Each of the Parties agrees to co-operate with the other to take such action as may be reasonably requested in order to give full effect to this Assignment, including without limitation, the execution and delivery of such other instruments of assignment, conveyance and transfer and such other consent, clearances or further assurances as maybe reasonably requested to more effectively convey, assign and transfer to the Assignee full title to the Patents and to put the Assignee in possession of any or all of the Patents. The Assignor does hereby authorize and request competent authorities, at the expense of the Assignee to issue such Letters Patents as shall be granted upon said applications to the Assignee, its successor and assigns (but without making any representations or warranties hereunder as to the outcome thereof).
3. The assignment effected by clause 1 above shall include, without limitation, the assignment and transfer of:-

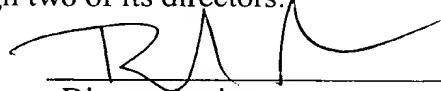
- a. all patents that may be granted pursuant to any applications listed in the attached Schedule, as well as all patents that may derive priority from or have equivalent claims to or be based upon the Patents in any country of the world (and including any provisional applications, substitutions, supplementary protection certificates, divisions and renewals, continuations, continuations in part, all patents granted therein, patents of addition, reissues, re-examinations and extensions), and references to the Patents in this Assignment shall be deemed to include all such items; and
- b. all rights of action, powers and benefits arising from ownership of the Patents, including, without limitation, the right to sue for damages and other legal and equitable remedies (and retain any financial award made in any action) in respect of all causes of action arising prior to, on or after the date of this Assignment.

EXECUTED as Deed by the Parties on the date first written above.

Executed and delivered as a Deed in Vancouver, British Columbia, Canada by  
**XENOVA LIMITED** acting through two of its directors:



Director's signature



Director's signature

Executed and delivered as a Deed in Vancouver, British Columbia, Canada by  
**TERRAGEN DISCOVERY INC.** acting by:



Authorised signatory



## Schedule

<u>Country</u>	<u>Application No. (Patent No. if granted)</u>	<u>Filing Date (Issue Date if granted)</u>	<u>Title</u>
US	07/862,574 (5,306,732)	11/22/90 (4/26/94)	TUMOR NECROSIS FACTOR ANTAGONIST
Japan	3-500197	11/22/90	TUMOR NECROSIS FACTOR ANTAGONIST
PCT	PCT/GB90/01801	11/22/90	TUMOR NECROSIS FACTOR ANTAGONIST
US	08/119,180	11/18/93	PHARMACEUTICAL XANTHONE DERIVATIVES
Japan	4-506408	3/23/92	PHARMACEUTICAL XANTHONE DERIVATIVES
PCT	PCT/GB92/00526	3/23/92	PHARMACEUTICAL XANTHONE DERIVATIVES
PCT	PCT/GB93/00511	3/11/93	CD4 BINDING AGENTS AND INHIBITORS OF COLLAGENASE AND PROTEIN KINASE C
US	08/464,737 (5,565,486)	12/22/93 (10/15/96)	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
New Zealand	258986 (258986)	12/22/93 (3/12/97)	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Israel	108140 (108140)	12/22/93 (9/11/97)	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Taiwan	82110885 (70378)	12/22/93 (7/3/95)	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
South Africa	93/9626 (93/9626)	12/22/93 (10/26/94)	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Czech	PV-1646/95 (284121)	12/22/93 (6/15/98)	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Australia	57096/94 (677272)	12/22/93 (8/7/97)	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Japan	6514956	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Ukraine	95062923	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Romania	9501168	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Bulgaria	99736	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Indonesia	P007302	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Singapore	9608418-1	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Canada	2,151,251	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Mexico	94-01714	1/3/94	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR

<u>Country</u>	<u>Application No. (Patent No. if granted)</u>	<u>Filing Date (Issue Date if granted)</u>	<u>Title</u>
EP	0580609	3/23/92	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Slovak Republic	PV 775/95	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Norway	952483	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Russian Federation	95113350	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Hungary	P9501840	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Brazil	PI 9307712.2	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Finland	953081	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Poland	P309628	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
South Korea	95-702562	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
EP	94902938.3	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
PCT	PCT/GB93/02632	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
Malaysia	PI9302813	12/22/93	SESQUITERPENES, THEIR PREPARATION AND THEIR USE AS INHIBITORS ACTING ON THE GABA-BENZODIAZEPINE RECEPTOR
US	09/284,806	4/21/99	CYTOKINE PRODUCTION INHIBITORS
PCT	PCT/GB97/02907	10/21/97	CYTOKINE PRODUCTION INHIBITORS



RULE 63 (37) DEPARTMENT OF COMMERCE  
DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Nixon & Vanderhye P.C. (6/92)

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled CYTOKINE PRODUCTION INHIBITORS,

the specification of which (check applicable box(es)):

is attached hereto. 21 April 1999 as U.S. Application Serial No. \_\_\_\_\_  
 was filed as PCT international application No. PCT/GB 97/02907 on 21 October 1997  
and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a). I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Prior Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
9621859.9	United Kingdom	21 October 1996

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56(a) which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented, pending, abandoned
PCT/GB 97/02907	21 October 1997	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Road, 8th Floor, Arlington, Virginia 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Basha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mritchard, 29009; Duane M. Byers, 33363; Paul J. Henon, 33626; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr., 29366; Thomas E. Byrne, 32205.

1) Inventor's Signature X Stephen Wrigley Date X 18 March 1999

Inventor's Name (typed)	Stephen	Keith	WRIGLEY	British
First		Middle Initial	Family Name	Citizenship
Residence (City)	Slough	(State/Foreign Country)	Berks. United Kingdom	
Post Office Address	240 Bath Road, Slough, Berkshire, United Kingdom	Zip Code	SL1 4EF	

2) Inventor's Signature X Date X

Inventor's Name (typed)	Sangeeta	BAHL	British
First	Middle Initial	Family Name	Citizenship
Residence (City)	Slough	(State/Foreign Country)	Berks. United Kingdom

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3) Inventor's Signature X Roya Sadeghi Date X 18/3/99

Inventor's Name (typed)	Roya	Mansour Sadeghi	GUILANI	British
First	Middle Initial	Family Name		Citizenship
Residence (City)	Slough	(State/Foreign Country)	Berks. United Kingdom	
Post Office Address	240 Bath Road, Slough, Berkshire, United Kingdom	Zip Code	SL1 4EF	

FOR ADDITIONAL INVENTORS, check box [X] and attach sheet with same information and signature and date for each.



RULE 63 (37 C.F.R. 1.63)

Nixon &amp; Vanderhye P.C. (6/92)

## DECLARATION AND POWER OF ATTORNEY

## FOR PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled CYTOKINE PRODUCTION INHIBITORS

the specification of which (check applicable box(es)):

[ ] is attached hereto.

[X] was filed on 21 April 1999 as U.S. Application Serial No. \_\_\_\_\_

[X] was filed as PCT international application No. PCT/GB 97/02907 on 21 October 1997

and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. 1.56(a). I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

## Prior Foreign Application(s):

Application Number	Country	Day/Month/Year Filed
9621859.9	United Kingdom	21 October 1996

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56(a) which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s):

Application Serial No.	Day/Month/Year Filed	Status: patented, pending, abandoned
PCT/GB 97/02907	21 October 1997	Patented, pending, abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Road, 8th Floor, Arlington, Virginia 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Basha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Paul J. Henon, 33626; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr., 29366; Thomas E. Byrne, 32205.

1) Inventor's Signature X Date X

Inventor's Name (typed)	First	Middle Initial	Family Name	Citizenship
Stephen		Keith	WRIGLEY	British

Residence (City) Slough (State/Foreign Country) Berks. United Kingdom

Post Office Address 240 Bath Road, Slough, Berkshire, United Kingdom Zip Code SL1 4EF

2) Inventor's Signature X Bahl Date X 26/3/99

Inventor's Name (typed)	First	Middle Initial	Family Name	Citizenship
Sangeeta			BAHL	British

Residence (City) Slough (State/Foreign Country) Berks. United Kingdom

Post Office Address 240 Bath Road, Slough, Berkshire, United Kingdom Zip Code SL1 4EF

3) Inventor's Signature X Roya Sadeghi Date X 18/3/99

Inventor's Name (typed)	First	Middle Initial	Family Name	Citizenship
Roya		Mansour	Sadeghi	British

Residence (City) Slough (State/Foreign Country) Berks. United Kingdom

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FOR ADDITIONAL INVENTORS, check box [X] and attach sheet with same information and signature and date for each.

4) Inventor's Signature ✓ M. Moore Date ✓ 19/03/99

Inventor's Name (typed) Michael  
First Middle Initial Family Name MOORE  
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5) Inventor's Signature ✓ Werner Katzer Date ✓ 18.03.99

Inventor's Name (typed) Werner Albert KATZER  
First Middle Initial Family Name German  
Citizenship

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6) Inventor's Signature ✓ SM Martin Date ✓ 18.3.99

Inventor's Name (typed) Steven Michael MARTIN  
First Middle Initial Family Name British  
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7) Inventor's Signature ✓ Dae Kau Date ✓ 18/March 99

Inventor's Name (typed) David Andrew KAU  
First Middle Initial Family Name British  
Citizenship

Residence (City) Slough (State/Foreign Country) Berks. United Kingdom

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8) Inventor's Signature ✓ Date ✓ 18/3/99

Inventor's Name (typed) Andrew Jonathan WHITING  
First Middle Initial Family Name British  
Citizenship

Residence (City) Slough (State/Foreign Country) Berks. United Kingdom

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9) Inventor's Signature ✓ Neil Robinson Date ✓ 18/3/99

Inventor's Name (typed) Neil ROBINSON  
First Middle Initial Family Name British  
Citizenship

Residence (City) Slough (State/Foreign Country) Berks. United Kingdom

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10) Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Inventor's Name (typed) Martin First Alistair Middle Initial HAYES Family Name British Citizenship

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11) Inventor's Signature  Date 6.5.91 

Inventor's Name (typed) Thomas First Haydn Middle Initial MANDER Family Name British Citizenship

Residence (City) Slough (State/Foreign Country) Berks. United Kingdom

Post Office Address 240 Bath Road, Slough, Berkshire, United Kingdom Zip Code SL1 4EF

F.R. 1.63  
10) Inventor's Signature X Martin Hayes Date X 6/4/99

Inventor's Name (typed) Martin First Alistair Middle Initial HAYES Family Name British Citizenship

Residence (City) Slough (State/Foreign Country) Berks. United Kingdom

Post Office Address 240 Bath Road, Slough, Berkshire, United Kingdom Zip Code SL1 4EF

11) Inventor's Signature \_\_\_\_\_ Date \_\_\_\_\_

Inventor's Name (typed) Thomas First Haydn Middle Initial MANDER Family Name British Citizenship

Residence (City) Slough (State/Foreign Country) Berks. United Kingdom

Post Office Address 240 Bath Road, Slough, Berkshire, United Kingdom Zip Code SL1 4EF

**DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION\***

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

**Cytokine Production Inhibitors**

and for which a patent application:

is attached hereto and includes amendment(s) filed on *(if applicable)*  
 was filed in the United States on April 21, 1999 as Application No.09/284,806 *(for declaration not accompanying application)*  
 with amendment(s) filed on *(if applicable)*  
 was filed as PCT international Application No. on and was amended under PCT Article 19 on *(if applicable)*

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
GB9621859.9	Great Britain	21 Oct 1996	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
PCT/GB97/02907	PCT	21 Oct 1997	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

PROVISIONAL APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

\* for use only when the application is assigned to a company, partnership or other organization.

2 0 6	FULL NAME OF INVENTOR	LAST NAME Martin	FIRST NAME Steven	MIDDLE NAME Michael	
	RESIDENCE & CITIZENSHIP	CITY Slough	STATE OR FOREIGN COUNTRY Berks	COUNTRY OF CITIZENSHIP British	
	POST OFFICE ADDRESS	STREET 545 Ipswich Road	CITY Slough	STATE OR COUNTRY Berkshire, United Kingdom	ZIP CODE SL1 4EQ
		SIGNATURE OF INVENTOR 206 		DATE 14 May 2001	
2 0 7	FULL NAME OF INVENTOR	LAST NAME Kau	FIRST NAME David	MIDDLE NAME Andrew	
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	POST OFFICE ADDRESS	STREET 545 Ipswich Road	CITY Slough	STATE OR COUNTRY Berkshire United Kingdom	ZIP CODE SL1 4EQ
		SIGNATURE OF INVENTOR 207 		DATE 14 May 2001	
2 0 8	FULL NAME OF INVENTOR	LAST NAME Whiting	FIRST NAME Andrew	MIDDLE NAME Jonathan	
	RESIDENCE & CITIZENSHIP	CITY Slough	STATE OR FOREIGN COUNTRY Berks	COUNTRY OF CITIZENSHIP British	
	POST OFFICE ADDRESS	STREET 545 Ipswich Road	CITY Slough	STATE OR COUNTRY Berkshire, United Kingdom	ZIP CODE SL1 4EQ
		SIGNATURE OF INVENTOR 208 		DATE 14 May 2001	
2 0 9	FULL NAME OF INVENTOR	LAST NAME Robinson	FIRST NAME Neil	MIDDLE NAME	
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	POST OFFICE ADDRESS	STREET 545 Ipswich Road	CITY Slough	STATE OR COUNTRY Berkshire, United Kingdom	ZIP CODE SL1 4EQ
		SIGNATURE OF INVENTOR 209		DATE	
2 1 0	FULL NAME OF INVENTOR	LAST NAME Hayes	FIRST NAME Martin	MIDDLE NAME Alistair	
	RESIDENCE & CITIZENSHIP	CITY Slough	STATE OR FOREIGN COUNTRY Berks	COUNTRY OF CITIZENSHIP British	
	POST OFFICE ADDRESS	STREET 545 Ipswich Road	CITY Slough	STATE OR COUNTRY Berkshire, United Kingdom	ZIP CODE SL1 4EQ
		SIGNATURE OF INVENTOR 210		DATE	

2 1 1	FULL NAME OF INVENTOR	LAST NAME Mander	FIRST NAME Thomas	MIDDLE NAME Haydn	
	RESIDENCE & CITIZENSHIP	CITY Slough	STATE OR FOREIGN COUNTRY Berks	COUNTRY OF CITIZENSHIP British	
	POST OFFICE ADDRESS	STREET 545 Ipswich Road	CITY Slough	STATE OR COUNTRY Berkshire, United Kingdom	ZIP CODE SL1 4EQ
		SIGNATURE OF INVENTOR 211			DATE